

Elhussein M Hashem

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

387
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Z-Scheme/Type-II CdS@ZnO/g-C ₃ N ₄ ternary nanocomposites for the durable photodegradation of organics: Kinetic and mechanistic insights. <i>Chemosphere</i> , 2021, 277, 128730.	8.2	58
2	Co/Cu Bimetallic Metal Organic Framework Catalyst Outperforms the Pt/C Benchmark for Oxygen Reduction. <i>Journal of the American Chemical Society</i> , 2021, 143, 4064-4073.	13.7	175
3	Investigating the Tradeoff Between Transparency and Efficiency in Semitransparent Bifacial Mesosuperstructured Solar Cells for Millimeter-Scale Applications. <i>IEEE Journal of Photovoltaics</i> , 2021, 11, 1222-1235.	2.5	17
4	Facile one-pot ultrasonic-assisted synthesis of novel Ag@RGO/g-C ₃ N ₄ ternary OD@2D/2D nanocomposite with enhanced synergetic tandem adsorption-photocatalytic degradation of recalcitrant organic dyes: Kinetic and mechanistic insights. <i>Materials Research Bulletin</i> , 2021, 142, 111386.	5.2	25
5	Investigating the UV absorption capabilities in novel Ag@RGO/ZnO ternary nanocomposite for optoelectronic devices. <i>Nanotechnology</i> , 2021, 32, 085701.	2.6	24
6	Facile one-pot aqueous synthesis of highly soluble and luminescent CdSe quantum dots without nitrogen bubbling. <i>CrystEngComm</i> , 2020, 22, 4816-4822.	2.6	9
7	Fabrication of novel AgIO ₄ /SnO ₂ heterojunction for photocatalytic hydrogen production through direct Z-scheme mechanism. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112660.	3.9	39
8	A graphene gold nanocomposite-based 5-FU drug and the enhancement of the MCF-7 cell line treatment. <i>RSC Advances</i> , 2019, 9, 31021-31029.	3.6	40